

FIG. 2

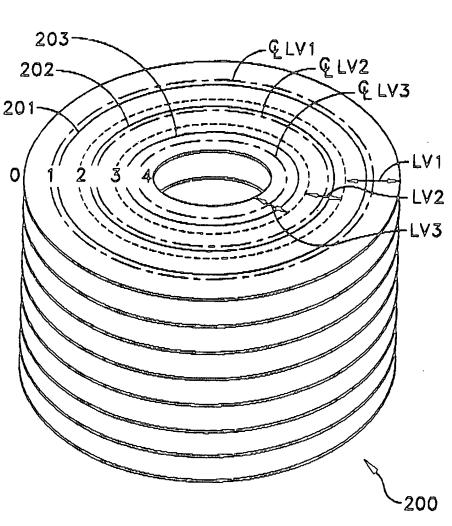


FIG. 3

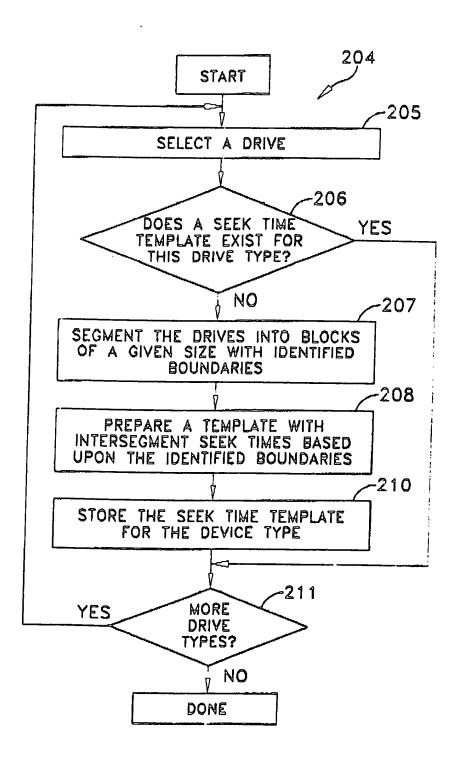


FIG. 4

	MEA	SURED S	SEEK T	IMES (msec)	INITIAL	
		TARG	ET ADD (GB)	RESS		ADDRESS (GB)	209
	0	1	2	3	4		1
,		3.0	3.2	3.4	3.8	0	7
			3.1	3.5	3.6	1	
		•		3.3	3.5	2	
	G.	5A	•		3.35	3	

	INITIAL	nsec)	IMES (r	SEEK T	URED :	MEAS
223	ADDRESS (GB)		RESS	ET ADD (GB)	TARG	
7	***************************************	4	3	2	1	Ō
1	0	3.8	3.4	3.2	3.0	<u></u>
1	ſ	3.6	3.5	3.1		z,p
4	2	3.5	3.3		•	224
1	3	3.35	a-Q-		— у –	

FIG. 5B 225

	MEAS	SURED	INITIAL			
		TARG	GET ADI	ORESS		ADDRESS (GB)
	0	1	2	3	4	
	2.8	3.0	3.2	3.4	3.8	0
		2.9 ^{t3}	3.1	3.5	3.6	9
			3.05 [‡]	3.3	3.5	2
	_			3.15 [#]	3.35	3
FI	G.	5C			3.20°	&

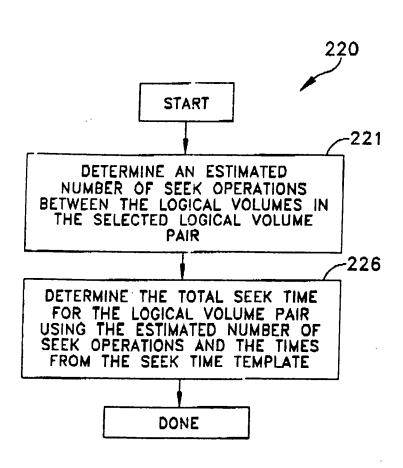


FIG. 6

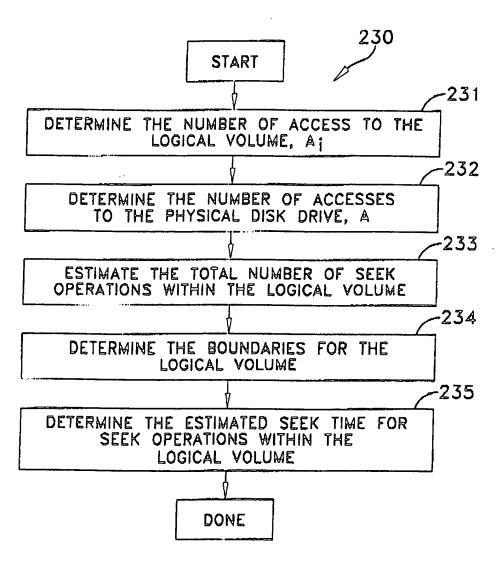


FIG. 7

START 197
37211
COLLECT DISK ACCESS STATISTICS FOR EACH LOGICAL VOLUME IN THE PHYSICAL DISK DRIVE AND INITIALIZE A SEEK TIME REGISTER
-241
INITIALIZE AN LVIPTR POINTER TO THE FIRST ITEM ON A LOGICAL VOLUME LIST FOR THE PHYSICAL DISK DRIVE
C242
USE THE LVIPTR POINTER TO SELECT LOGICAL VOLUME I FROM THE LIST
DETERMINE AN INTRAVOLUME SEEK TIME FOR THE LOGICAL VOLUME (PROCEDURE 230 IN FIG. 7)
-244
ADD THE INTRAVOLUME SEEK TIME TO THE SEEK TIME REGISTER VALUE
SET THE LYJPTR POINTER TO THE NEXT LOGICAL VOLUME (E.G., LYJPTR = LYIPTR + 1)
246
USE THE LVJPTR POINTER TO SELECT THE LOGICAL VOLUME ; FROM THE LOGICAL VOLUME LIST
DETERMINE THE INTRAVOLUME SEEK TIME FOR THE LOGICAL VOLUMES 1, j (PROCEDURE 204 IN FIG. 6)
250
ADD THE INTRAVOLUME SEEK TIME TO THE SEEK TIME REGISTER VALUE
END YES
LIST?
NO _252
increment the Lyiptr Pointer
253
END YES
END YES OF LIST?
END YES
END YES OF LIST?
END YES OF LIST? NO 254 INCREMENT THE LYIPTR POINTER
END YES OF LIST? NO _254 INCREMENT THE LYIPTR POINTER _255
END YES OF LIST? NO 254 INCREMENT THE LYIPTR POINTER
INCREMENT THE LVIPTR POINTER 255 RECORD THE SEEK TIME IN THE SEEK TIME REGISTER